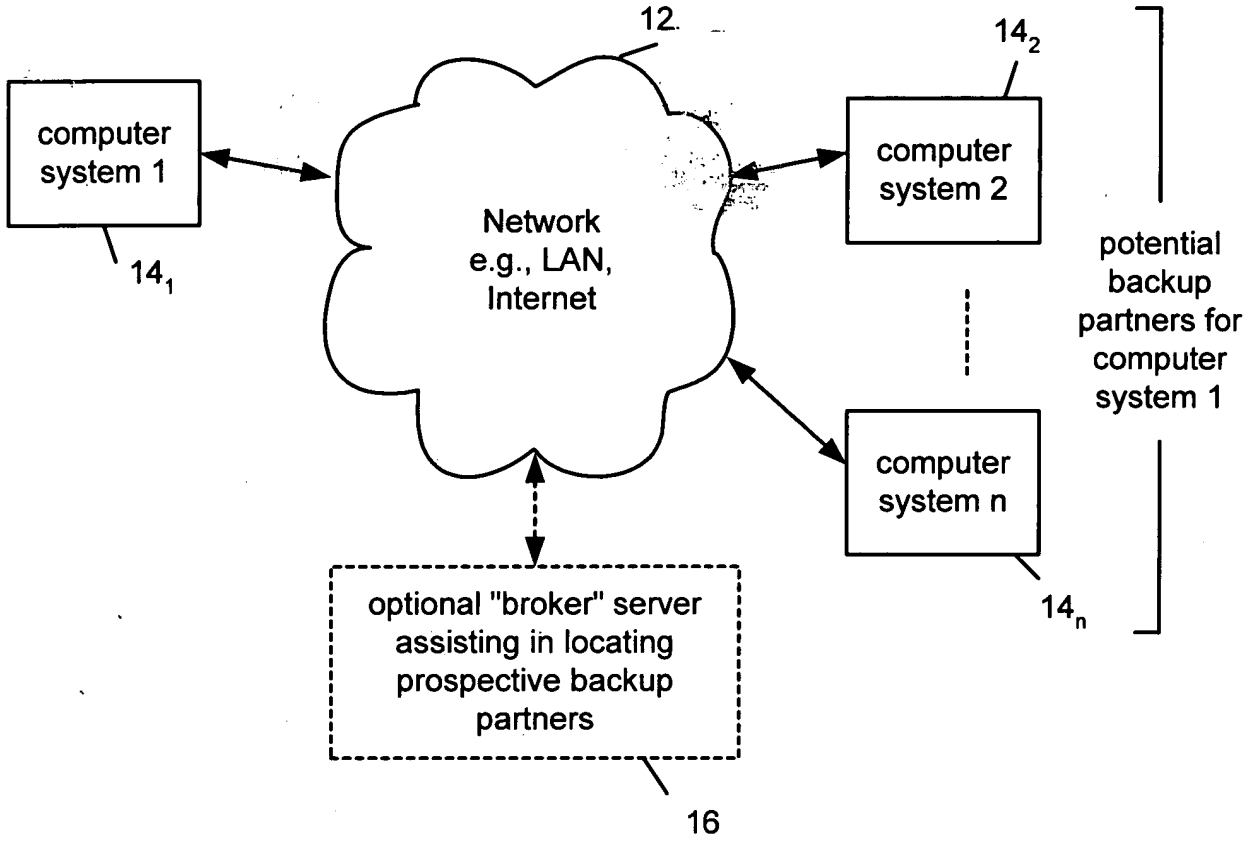

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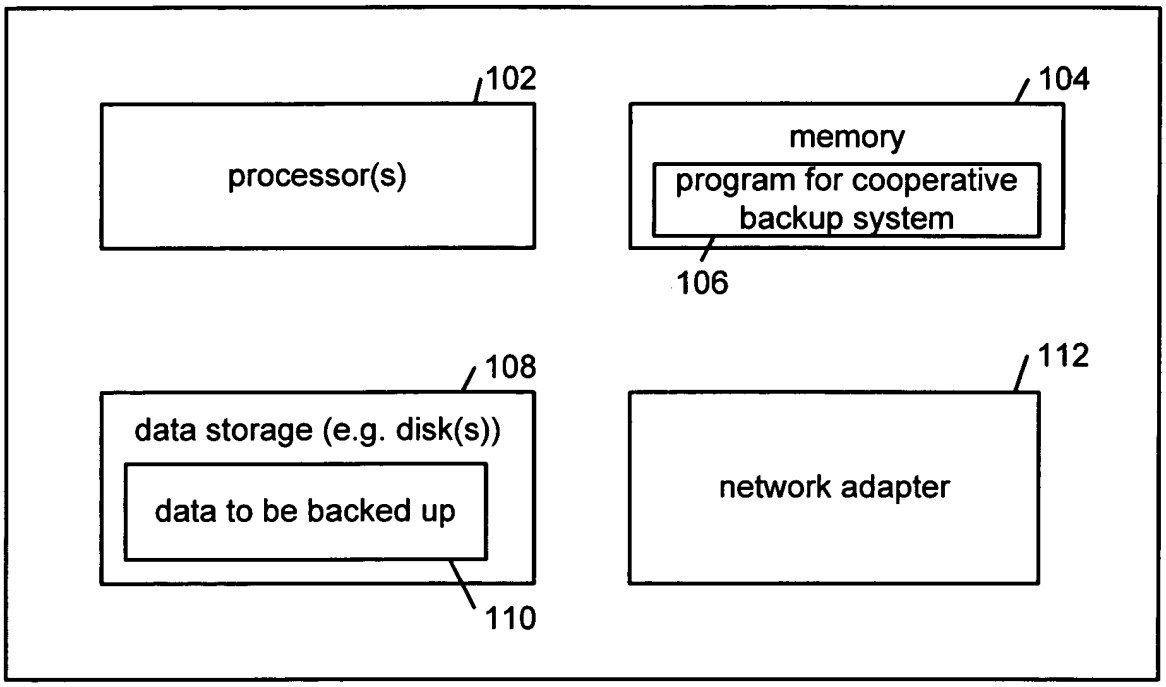
Distributed, Cooperative Backup System

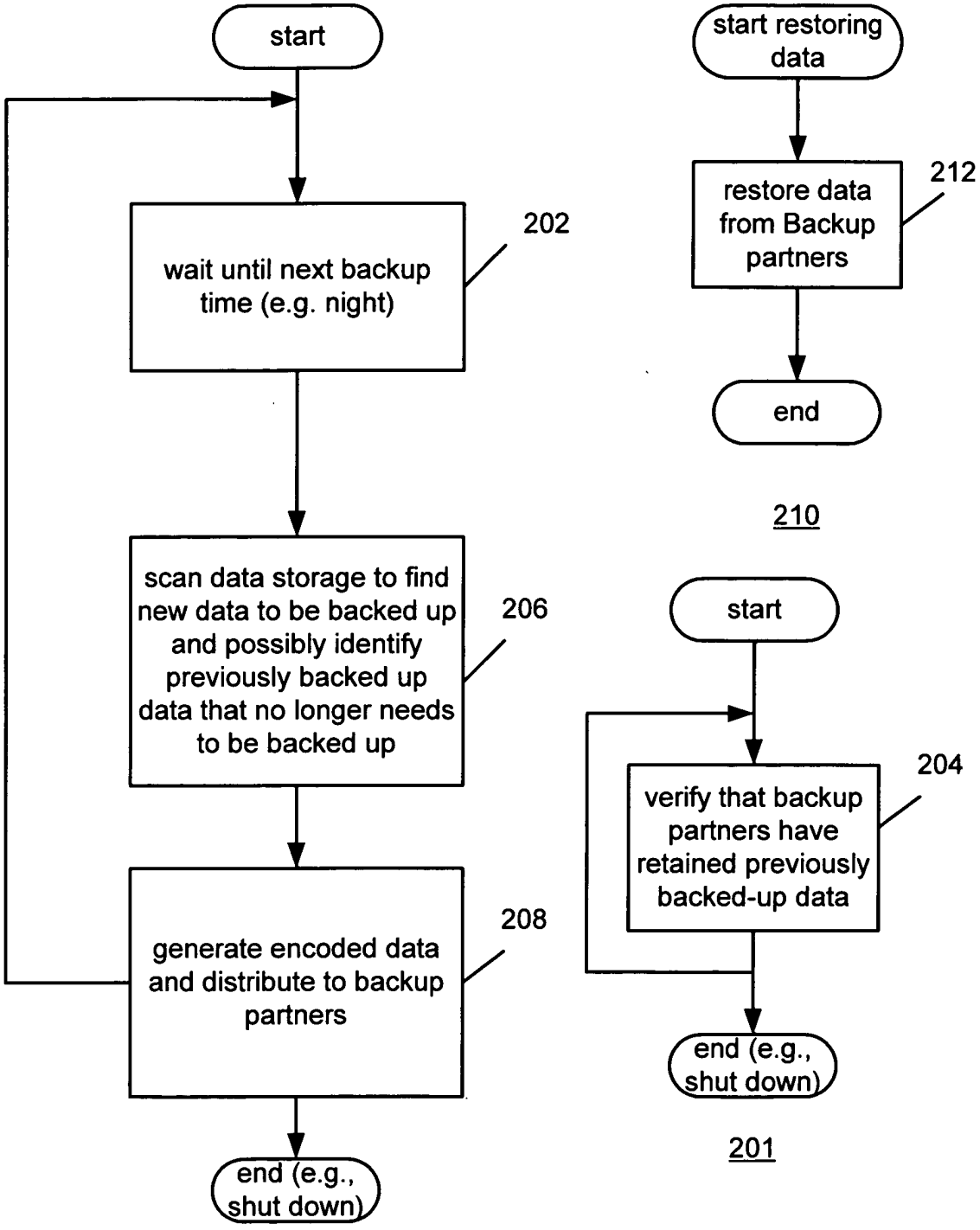
Fig. 1



$14_i \quad i = 1,...n$

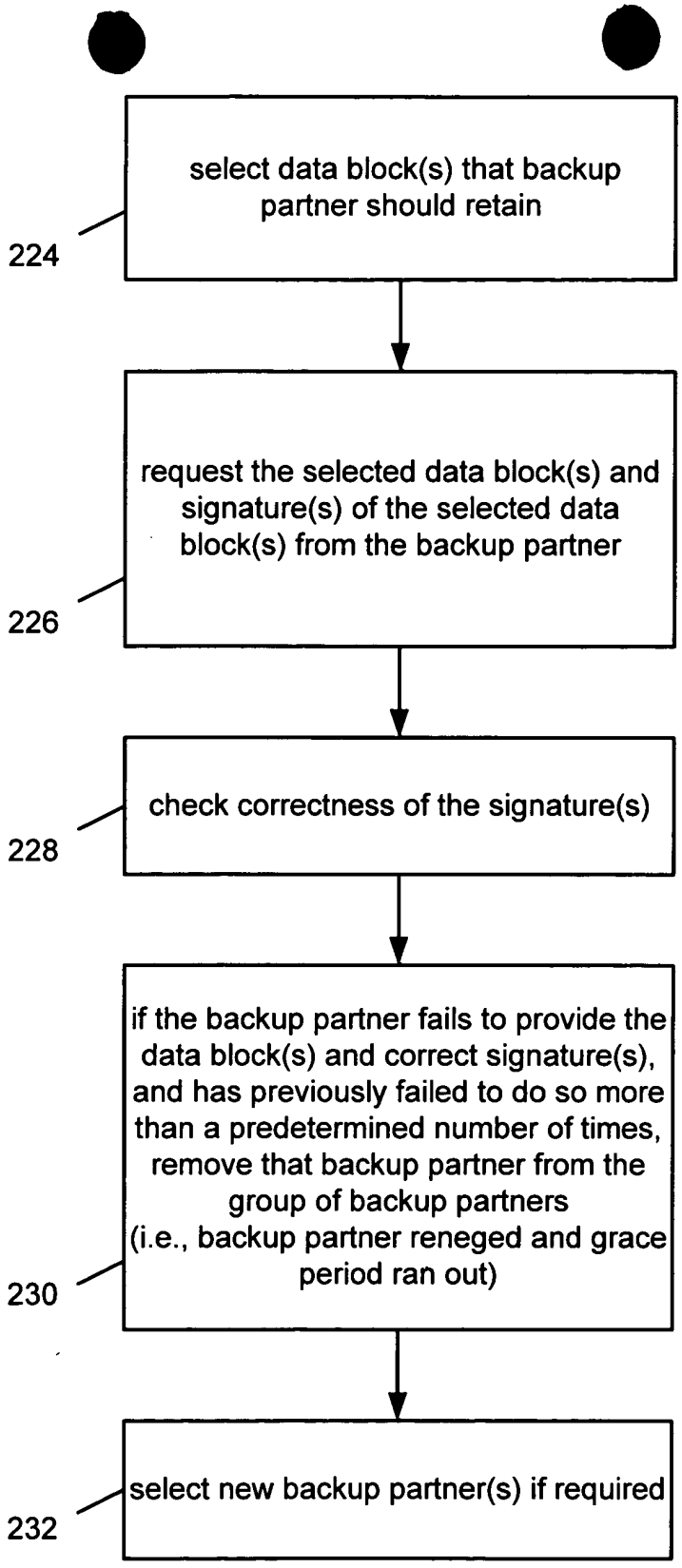
computer system

Fig. 2



Backup Operations of the Cooperative Backup System at Each Computer System

Fig. 3



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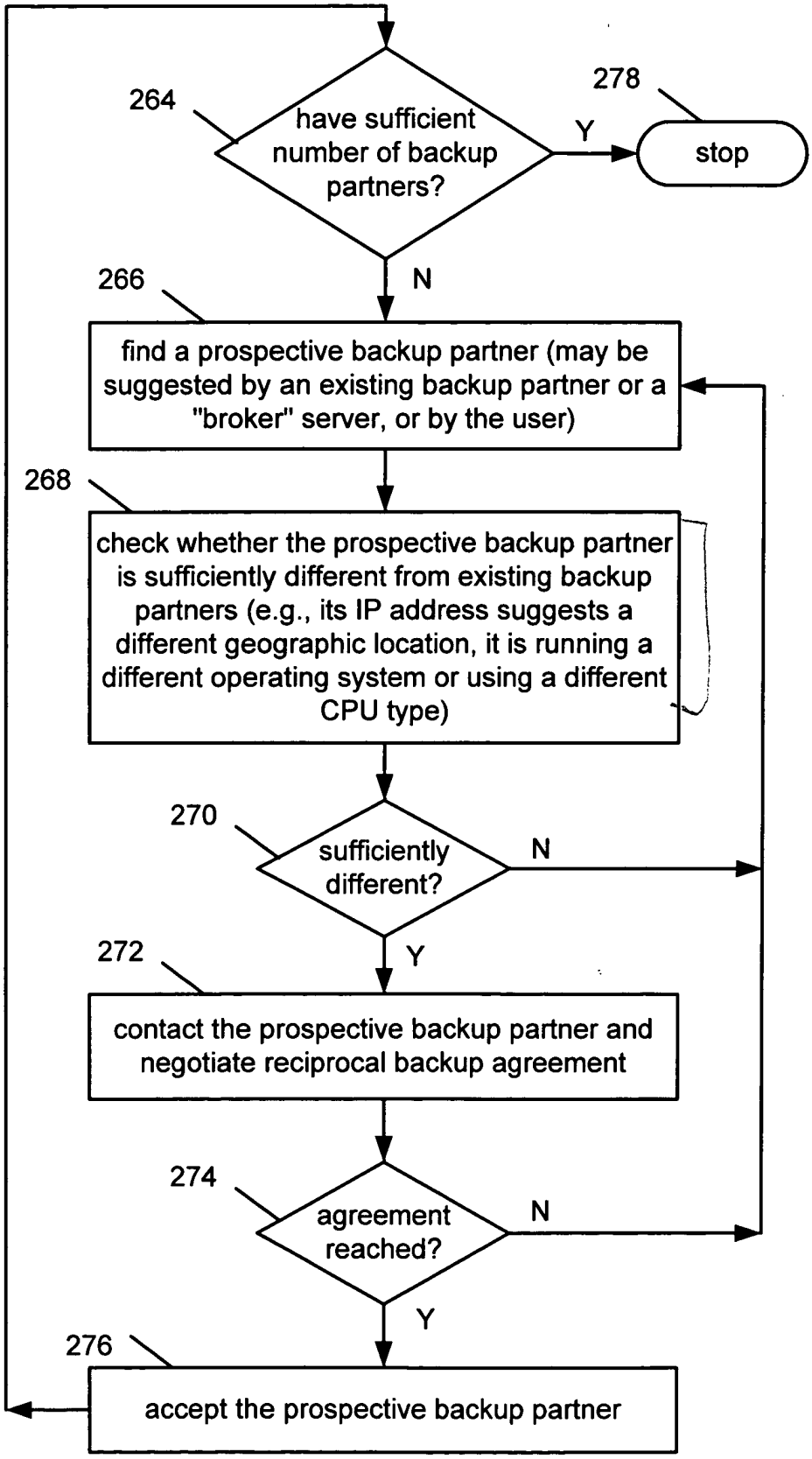
Verifying That Backp Partner Retained Previously Backed Up Data

Fig. 4



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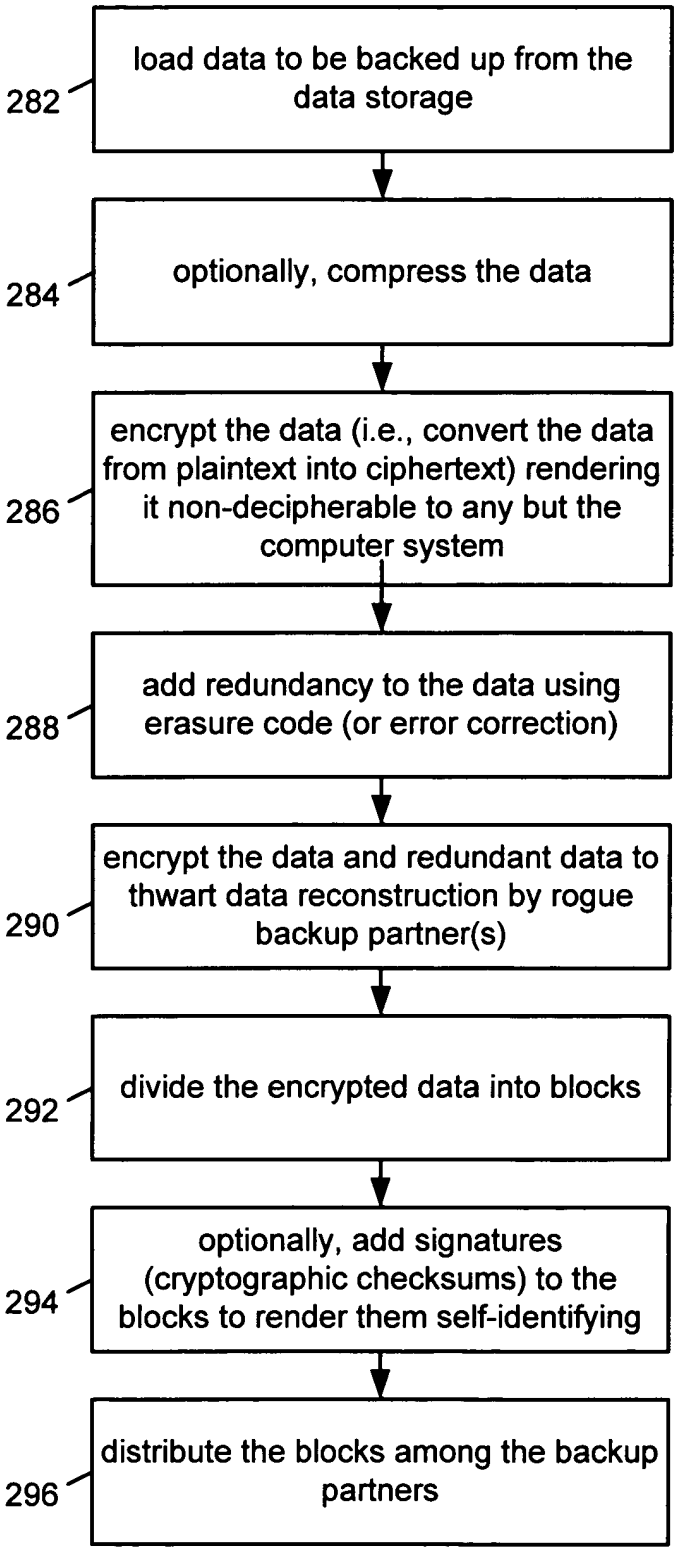
Selecting New Backup Partner If Required

Fig. 5



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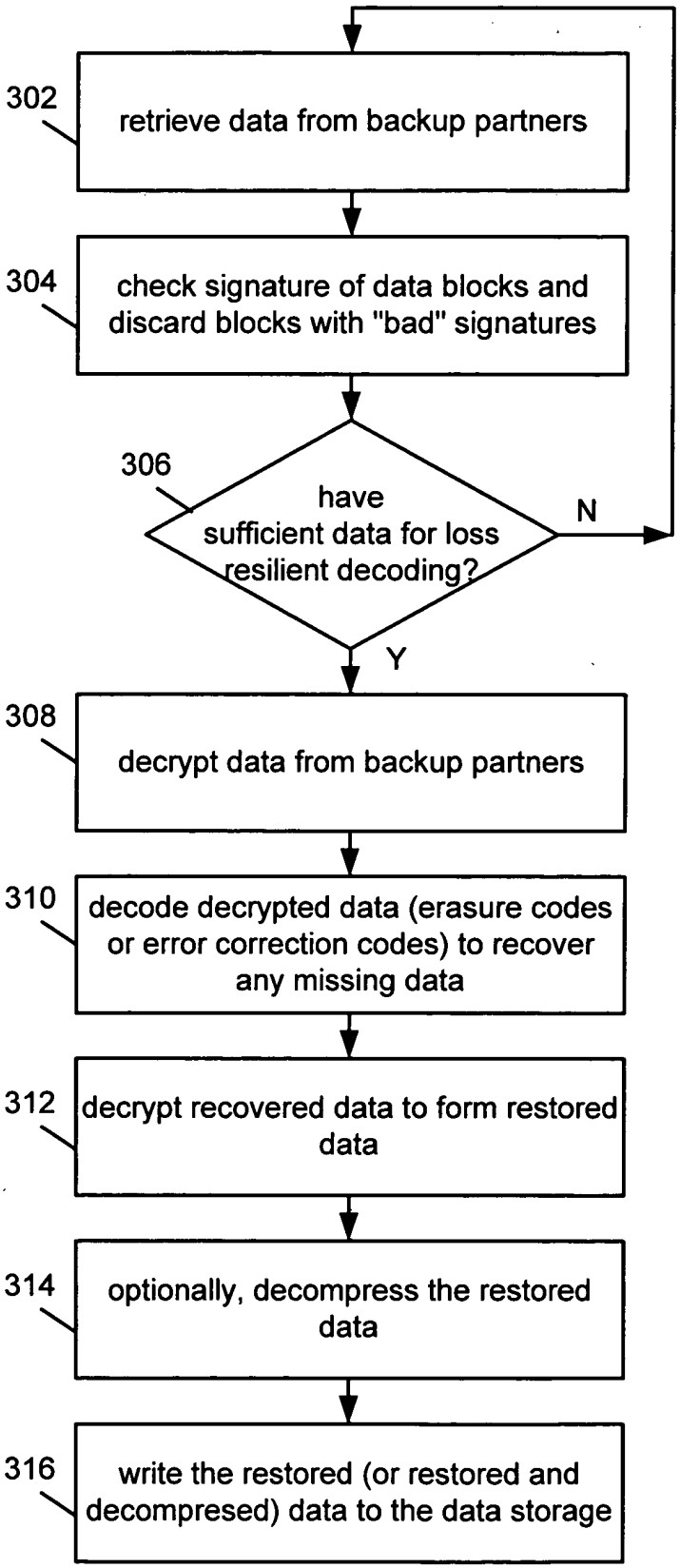
Generate Encoded Data and Distribute to Backup Partners

Fig. 6



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Restore Data from Backup Partners

Fig. 7